

ANABEL RODRIGUEZ-GARCIA

Education

Bachelor of Science: Biological Science, University of Havana, Havana, Cuba 2012



Professional Experience

Anabel Rodriguez-Garcia has been an environmental scientist since 2012, with experience in sustainable management of soil, contamination with heavy metals in soils and organic fertilizers, physical, chemical and biological characterization of soils, sample collection and documentation. She is knowledgeable in the area of environmental site assessments. She has worked in projects for government agencies such as Florida Department of Transportation, Miami-Dade County Regulatory and Economic Resources, public utilities and private sector.

Technical Advisor, Various Sites, South Florida. *Project Professional.* Provide technical oversight of various remediation and redevelopment projects for impacted sites. Primary clients include private sector utilities, government entities, and developers.

Environmental Sampling, Various Sites, South Florida. *Associate Professional.* Conducted soil, soil vapor, muck, groundwater and gas sampling/monitoring throughout South Florida for private sector clients and government agencies.

Groundwater Remediation, Confidential Client, Private Utility Provider, Various Sites, Miami-Dade County, Florida. *Associate Professional.* Coordinated and managed system/groundwater sampling and reporting for arsenic and petroleum groundwater remediation systems

Environmental Site Closure, Confidential Client, Private Utility Provider Miami-Dade County, Florida. *Associate Professional.* Assisted with the coordination of conditional site closures including for restrictive covenants for the Florida Department of Environmental Protection and Miami-Dade County Department of Regulatory and Economic Resources. . **Engineering Control Inspections, City of Miami, Miami, Florida. *Associate Professional.*** Conducted annual engineering control inspections.

Engineering Control Plans, Various Sites, Miami-Dade County. *Associate Professional.* Assisted in the preparation of engineering control plans and cost estimates for implementation in support of conditional site closures for private sector clients and government agencies.

Environmental Due Diligence, Various Sites, Miami-Dade County. *Associate Professional.* Performed several Phase II Environmental Site Assessments associated with private sector clients.

The following work was performed while employed at the Soil Institute in Havana, Cuba

International project “Environmental Bases for local food sustainability”, Various Sites, Cuba. Researcher. Identified soil macro and mesofauna as indicators of soil health and quality. Characterized soil profiles. Characterized chemical (soil organic matter, pH, N, P, K, electrical conductivity, anions, cations), physical (soil penetration resistance, bulk density, texture and structure, water holding, capacity, humidity) and biological (Soil Basal Breathing, Nitrification Capacity, Microbial biomass) soil properties.

National project “Permissible limits of heavy metals in soils and organic substrates used in Cuban agriculture”, Various Sites, Cuba. Researcher. Determined natural, research and prevention concentrations of Cd, Pb, Hg, As, Cu, Zn, Cr and Ni, in the main soil types of Cuba. Drafted a normative document as support for a future elaboration of a Cuban legislation or norm on the Maximum Permissible Limits of Cd, Pb, Hg, As, Cu, Zn, Cr and Ni in soils and organic substrate (compost and earthworm humus) that are used for the production of food in the Cuban agriculture.

International project “Capacity building for planning, decision making and regulatory system; Sensitization // Sustainable Land Management in severely degraded ecosystems”, Various Sites, Cuba. Researcher. Assisted in the coordination and implementation of the project.